XNV-770BT

XNV-770BT AV Receiver with TomTom® navigation

INTEGRATED NAVIGATION FROM TOMTOM®

The Sony® XNV-770BT A/V Receiver with Navigation features TomTom® navigation and delivers incredible audio and video picture quality. TomTom is the only company to incorporate real world, real-time feedback, providing the most accurate maps available.

7" TOUCH SCREEN DISPLAY[7]

High-resolution TFT (WVGA) 7" touch screen display[7] that will inform and entertain you, making everything easier to control with gesture command and on-screen touch buttons. Separate audio and video power supply circuits provide added clarity.

PRELOADED MAPS OF US & CANADA

TomTom® navigation provides the most accurate maps with over 1 million more miles of road in the US than other GPS brands.

1 YEAR FREE MAP UPDATES

Map updates ensure that the digital map content remains completely up-to-date. Access codes are provided for (4) verified US and Canada map updates for the first year.

USB 1-WIRE CONNECTIVITY[5]

Connect, charge, and control your iPod®[2] , iPhone®[2] , Walkman® player or other compatible USB devices[5] via the USB 1-Wire on the rear of the unit. You can also view metadata like song title and artist on the front display.

INTEGRATED BLUETOOTH® TECHNOLOGY[6]

Taking calls and enjoying streaming audio has never been easier with the XNV-770BT A/V Receiver with Navigation featuring Bluetooth® technology[6] . Connect compatible devices and easily choose between Hands Free and Phone Book Access or Audio Streaming.

PLAYS DVDS/CDS AND DIGITAL FILES[1]

The XNV-770BT A/V Receiver with Navigation accepts just about every digital format you'd want on the road. The XNV-770BT can playback CD or DVD and MP3/WMA/AAC/JPEG/MP4 (Simple Profile) CODEC files[1] .

The Sony® XNV-770BT A/V Receiver with Navigation delivers incredible audio and video picture quality and integrates navigation from TomTom®. With the most accurate maps and over 1 million more miles of road in the US than others, plus features like USB 1-Wire[5] connectivity and Bluetooth® technology[6] , you're ready for the road trip of a lifetime and your daily commute.

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Specifications

Convenience Features

CD Text Display: CD/MP3/WMA/AAC data displayed
On-Screen Clock: 12H
Dimmer Adjust: Selectable Auto/on/off
Key Illumination: White Key Illumination

Video Features

Color System: PAL / NTSC / SECAM / M-PAL

General

Color: Black

Audio

Preout Impedance: 220 ohms
Preout Voltage: 4 volt
S/N Ratio: Audio Power: CEA2006 S/N 80 dBA
Frequency Response: DVD / CD: 10-20,000 Hz
Wow and Flutter: Below measurable limit
Station Preset(s): 18 FM / 12 AM
Digital-to-Analog Converter: 24bit
Tuner Frequency Range: FM: Tuner Frequency Range(MHz): 87.5-107.9 AM: Tuner Frequency Range(kHz): 530-1710
Tuner Type: SSIR-EXA with RDS
Volume Control: Tel/Nav Attenuation Circuitry
Band: AM / FM
Signal-to-Noise Ratio (dB): DVD/CD Player: 120dB
Format(s) Supported: MP3/WMA/AAC/JPEG/MP4/XviD files[1]
Equalizer: EQ7: 7 band EQ with +/- 6 dB adjustment at: 63, 160, 400, 1000, 2500, 6300 and 16000 Hz

Convenience

Tilt Range: 0-45° mounting angle

Display

Technology: TFT (WVGA)
Aspect Ratio: 17:9
Text Displayed: Source, artist, track, playback time, menu and clock

Amplifier Section

Speaker Impedance: 4-8 Ohms
Max power output: 52 watts x 4 at 4 ohms

Tuner

FM Usable Sensitivity: 10 dBf
Selectivity: 75 dB at 400 kHz
S/N Ratio: 70 dB (mono)
Frequency Response: FM: 20-15,000 Hz
Stereo Separation: 40 dB at 1 KHz

Power

Output Power: 52W x4 Watts Max Power - CEA2006 Standard Power Output: 17 Watts RMS per channel into 4 Ohms, 4 channels driven from 20 Hz to 20 kHz with less than 1% THD+N.
Current Drain: 5 - 7 amps
Input Voltage: 12 V DC car battery (negative ground)

Inputs and Outputs

RCA Audio Output(s): Front, Rear, and Subwoofer RCA pre-amp outputs
Digital Audio Input(s): -Ability to use all forms of USB devices may vary as not all devices are compatible.
-This unit can be connected to the following iPods. Update your iPod to the latest software before you use it.
-iPod Nano 1st generation*
-iPod Nano 2nd generation (aluminum)
-iPod Nano 3rd generation (video)
-iPod 5th generation (video)*
-iPod Classic
-iPod Touch
-iPhone
-This unit is compliant with MSC (Mass Storage Class) and MTP (Media Transfer Protocol) type USB devices compliant with the USB standard.
-This unit cannot recognize USB devices via a USB hub.
-If you have any questions or problems concerning your unit that are not covered in the owners manual, consult your nearest Sony dealer.
USB Port(s): Rear USB - Full Speed
Antenna Terminal(s): AM/FM Antenna Input Terminal
12V Trigger Output(s): Power antenna Amplifier turn on
Remote Jack: Optional wired remote terminal
Audio/Video Input(s): AUX1 audio/video
AUX2 audio/video
rear camera with reverse input trigger
Audio In: Rear Aux in with variable level
Rear USB input
Sony Bus terminal
Infrared Port: Wireless remote

Dimensions

Weight: 5 lb. 14 oz. (2.7 kg)
Measurements: 7.125 x 4 x 7.5" (w/h/d) 178 x 100 x 189 mm (w/h/d)

Wireless Connectivity

Compatible Bluetooth® Profiles: A2DP (Advanced Audio Distribution Profile)1.2
AVRCP (Audio Video Remote Control Profile)1.3
HFP (Handsfree Profile)1.5
OPP (Object Push Profile)
PBAP (Phone Book Access Profile)
Frequency Band: 2.4 GHz band (2.400 - 2.4835 GHz)
Maximum Range: Line of sight approx. 10M (33ft)
Modulation Method: FHSS
Output: Bluetooth Standard Power Class2 (Max. +4 dBm)
Wireless Connectivity: Bluetooth Standard version 2.0

Supplied Accessories

Supplied Wireless Card Remote (RM-X170)
Parts for Installation and Connections (1 set)
HF microphone (XA-MC10)
USB connection cable for iPod (RC-200IPV)
CD-ROM (application disc)
Parts for enabling navigation functions (1 set)

Optional Accessories

Aux-in selector: XA-300
iPod® video cable: RC-202IPV
HD Radio™ tuner: XT-100HD
Rear View Camera: XA-R800C
Mobile Monitor: XVM-B62

Color: Black
UPC Code: 027242808836

1. Not all files may play back due to file variations. Copy-protected ACC-LC files not supported.
2. Compatible with iPod® with video, iPod Classic®, iPod nano® 1st through 5th gen., iPod Touch® 1st & 2nd gen., iPhone®, iPhone 3G, and iPhone 3GS. Passenger control not available for iPod nano 1st gen. or iPod with video.
3. Requires satellite radio tuner and service subscription, sold separately.
4. Requires XT-100HD HD Radio™ tuner, sold separately.
5. Interoperability and compatibility among Bluetooth® devices vary.
6. Requires Internet radio-enabled smartphone or device with Bluetooth® streaming capability, USB 1-wire, or 1/8" mini connection.
7. Viewable area measured diagonally.
8. Feature available in the US and Canada only.
9. Feature only available in the US.

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